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**To:** Rosemary Ashton                    **From:** Vivian Austin

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**Date:** August 17, 2001                    **Pages:** 5 Including Cover Sheet

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**Re:** 1997/A006 09/237,125

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Urgent     For Review     Please Comment     Please Reply     Please Recycle

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Dear Examiner Ashton,

Please see the attached response to an Office Action dated July 18, 2001.

Sincerely,

Vivian Austin



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Vivian Austin: Vivian Austin  
Date: August 17, 2001

Attorney's Docket Number 1997/A006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Padmanaban et al

Serial Number: 09/237,125 Group Art Unit: 1752

Filed: 01/26/99 Examiner: R. Ashton

For: COMPOSITION FOR ANTI-REFLECTIVE COATING OR RADIATION  
ABSORBING COATING AND COMPOUNDS USED IN THE COMPOSITION

Assistant Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT AND AMENDMENT

Sir:

This is in response to the Official Action dated July 18, 2001.

The Examiner has set forth a restriction to one of the following inventions:

- I. Claims 1-12, 16, 22-24, 25, 26, 30, 31, drawn to a radiation absorbing composition, classified in class 430, subclass 270.1.
- II. Claims 13, 14, 16-20, 25, 28 drawn to a radiation absorbing composition, classified in class 430, subclass 281.1.
- III. Claim 14, drawn to a radiation absorbing composition, classified in class 430, subclass 281.1.
- IV. Claims 15, 16, 21, drawn to a radiation absorbing composition, classified in class 430, subclass 270.1.

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- V. Claim 27, drawn to a method of making an integrated circuit, classified in class 430, subclass 325.
- VI. Claim 29, drawn to a method of making an integrated circuit, classified in class 430, subclass 325.

Applicants hereby elect, with traverse, the claims of Group I for prosecution on the merits.

The restriction requirement is traversed on the following grounds:

- 1) The Examiner has already examined the claims, as per the office action of paper number 7.
- 2) A restriction requirement was originally set forth in paper number 3 by Examiner N. Barereca, which was withdrawn by the present examiner in paper number 5.
- 3) The Examiner considers the claims of group I and IV to be unrelated. However, the claims of these groups fall in the same class and subclass.
- 4) Claim 27 of group V depends ultimately on claim 2 or 3, and claim 29 depends ultimately on claims 1, 2, or 3. Claims 1, 2, and 3 are all in group I. The patentability issue of claims 27 and 29 are the same as claims 1, 2, and 3. Furthermore, while the claims of groups V, and VI have been assigned to a different class and subclass from those of group I, Applicants believe that in order for the Examiner to properly examine the claims of group V and VI, she invariably has to go through the art relating to the claims of group I.

Therefore, Applicants respectfully submit that examining all of the claims in a single application **would not constitute a serious burden** for the Examiner. The Examiner is at least requested to combine groups I, V, and VI together in one group.

The Examiner has also set forth an election of species requirement. Upon election of group I, the Examiner has requested Applicants to elect a single copolymer from either claim 2, claim 3, or claim 30. Applicants hereby elect in claim 2, the species wherein  $R_2=COOCH_3$ ,  $R_3=COOD$ ,  $R_q=CH_3$ , but  $R_q=H$  for q unit, ( i.e., maleic anhydride), D=anthracyl-9-methyl, Z=O. ✓

For claim 1, Applicant selects the species wherein  $R=CH_3$ , but  $R=H$  for q unit, (i.e., maleic anhydride),  $R_1=CH_2CH_2$ , X=O, Y=O, D=anthracyl-9-methyl, Z=O.

While Applicants believe that the following is not asked for, Applicants elect the following species for claims 3 and 30, for clarification purposes:

Claim 3: same as claim 2 above, with  $R_q=H$ .

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Claim 30: R= -CH<sub>3</sub>, but R=H for q unit (i.e., maleic anhydride), R<sub>1</sub>=CH<sub>2</sub>CH<sub>2</sub>; X=O; Y=O; R<sub>2</sub>=COOCH<sub>3</sub>; R<sub>3</sub>=COOD, D=anthracyl-9-methyl; Z=O.

AMENDMENT

Applicants also request that claim 16 be amended to read as follows:

16. (Twice amended) A composition for an anti-reflective coating or a radiation absorbing coating containing the polymer of claim 1, and/or blocked derivatives thereof, wherein the proportion of total molar numbers of monomer units of polymer which have isocyanate group, thioisocyanate group or blocked derivatives thereof to total molar numbers of monomers and monomer units of polymers in the composition is 0.1 to 40 % by weight.

This amendment is made for clarification and to remove multiple dependencies.

A marked up copy of the amended claim is attached.

The issuance of a Notice of Allowance is respectfully requested. If minor issues remain to be resolved, a telephone call to the undersigned is suggested.

Respectfully submitted:

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PNV NOT BLOCKED!  
DENV  
DRAFT